

NM EQIP FY 2005 Ranking Criteria Worksheet - Irrigated Cropland - _____

F.O.

Applicant _____ Farm No. _____ Tract No. _____ CMS Field No's. _____ Date _____

Tribal Land _____ Non-Tribal Land _____ Preliminary _____ Final _____

1. Water Quantity - 75 Potential Points (20-40% of Total)

Irrigation Efficiency - Use FIRS to evaluate. Benchmark & After points equal actual % efficiency times any multiplier. Total equals after minus benchmark pts.			Potential Points	Benchmark Points	After Points
% Efficiency	% of Area in Contract before Treatment	% of Area in Contract After Treatment			
			75		
1. Water Quantity			Total		

2. Water Quality - 75 Potential Points (20-40% of Total)

A. Surface Water Pollutants - <u>40</u> Maximum Points			
There is a probability that runoff water from irrigated fields contains sediment, salt, pesticides, and/or nutrients (or other associated chemicals). Treatment is needed to prevent these pollutants from entering live waters, or re-entering a shared irrigation system. Points will be awarded based on distance from the end of the field to the nearest live waters or re-entry point into a shared system. If there is no run-off, after points will be 0.			
Distance of Surface Run-Off to Live Water	Potential Points	Benchmark Points	After Points
<100 Feet	40	0	
101 - 500 Ft.	30	0	
501 - 1,320 Ft.	20	0	
1,321 - 2,640 Ft.	10	0	
>2,640 Feet	5	0	
A. Surface Water	Total	0	
B. Ground Water Pollutants - <u>35</u> Maximum Points			
There is a probability that irrigation water containing salt, pesticides, and/or other nutrients (or other associated chemicals) is leaching into the ground water. Treatment is needed to prevent these pollutants from contaminating ground water, through leaching and/or direct flow into wells. Points will be awarded based on depth to the water table or elimination of any direct discharge to ground water (regardless of depth to the water table).			
Depth to Water Table	Potential Points	Benchmark Points	After Points
1 - 10 Ft or elimination of any direct discharge into ground water.	35	0	
10 - 50 Ft.	25	0	
50 -100 Ft.	15	0	
>100 Ft.	5	0	
B. Ground Water		0	
2. Water Quality	Total	0	

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3. Selected Conservation Practice(s) - 179 Potential Points (25-50% of Total)

Any practice used in the ranking criteria and intended to be included in the conservation schedule of operations must be cost-shared or have an incentive payment. Higher priority (value) should be given to those practices which address multiple resource concerns, are cost effective, and have longer life spans. Select resource concerns from NM Quality Criteria Guide.	Potential Points	Percent of Need to be Installed	After Points
Soil			
Irrigation Induced Compaction and Streambank			
Critical Area Planting - 342	10		
Contour Farming - 330	5		
Irrigation Land Leveling - 464	15		
Irrigation System Surface and Subsurface - 443	10		
Irrigation System Tailwater Recovery - 447	5		
Land Smoothing - 466	10		
Terrace - 600	5		
Other Related Practices : 580, 410	2		
Water Quality/Quantity			
Excessive Suspended Sediment & Turbidity, Excessive Runoff, Ponding, Excessive Subsurface Water and Inadequate Outlets			
Irrigation Storage Reservoir - 436	5		
Irrigation System Trickle - 441	15		
Irrigation System Sprinkler - 442	15		
Irrigation System Surface and Subsurface - 443	15		
Irrigation Water Conveyance Ditch and Canal Lining - 428	10		
Gated Pipe - 440HH	15		
Irrigation Pipeline - 430	10		
Structure for Water Control - 587	10		
Other Related Practices : 428B, 587R	2		
Air (None Identified)	0		
Plants			
Adapted or Suited Productivity , Forage Quality			
Cover and Green Manure Crop - 328	5		
Pasture and Hay Planting - 512	15		
Animals (None Identified)	0		
Domestic and Wildlife Cover/ Shelter, Food/ Water			
3. Selected Conservation Practices	Total		

4. Other Considerations - 25 Potential Points (10-25% of Total)

Items A thru D are required. If there are other criteria the D.C. wants to recommend based on LWG advice, please include it as item E.	Potential Points	Benchmark Points	After Points
A. At risk species habitat will be enhanced.	5	0	
B. Treatment of this land could have a beneficial impact on a 303d listed stream segment.	5	0	
C. Treatment of this land could enhance the benefits of an active/planned section 309 project.	10	0	
D. The land is within a NMED designated Category I watershed.	5	0	
4. Other Considerations	Total	0	

Attachment 4 of 6 to New Mexico Bulletin No. 300-5-04

Minimum of 10 % Efficiency Increase in Section 1 to Qualify For The Program

Total Points (After minus Benchmark): Sec 1 _____ Sec 2 _____ Sec 3 _____ Sec 4 _____ Worksheet Total _____

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Designated Conservationist

Date

Revised Nov. 2003